

Subject: Cooling Minutes and Action Items from Friday April 19.

Date: Fri, 19 Apr 2002 14:42:44 -0700

From: Neal Hartman <nhartman@lbl.gov>

Organization: Lawrence Berkeley National Laboratory

To: Marco Olcese <olcese@ge.infn.it>, Vigeolas Eric <vigeolas@cppm.in2p3.fr>, Tom Johnson <TAJohnson@lbl.gov>, Jon S Wirth <JSWirth@lbl.gov>, Fred Goozen <FRGoozen@lbl.gov>, Thomas F Weber <TFWeber@lbl.gov>, Murdock Gd Gilchriese <MGGilchriese@lbl.gov>, Eric C Anderssen <ECAnderssen@lbl.gov>

Hi All,

Here are the things we discussed and need to do over the next week or more. I will be at CERN, so send any questions by email.

1. Last EB weld samples: Tom has tested all of these, and 8 of the 19 welds (total) passed at below 8 scale. This is not as bad as we thought, but still unacceptable.
2. The composition testing of the last set of fittings came back (6061), and there is quite a bit more silicon and magnesium in it than in the last set of successful welded samples (variseal, 6063). I will post these results on my website soon. We are hopeful that it is this composition difference that is causing problems with the welding.
3. All of the 6063 and 6061 dummy weld fittings are done. The glue extension pieces are also done. These are getting cleaned now in the plating shop (Tom J. and Jon) and will be given to **Fred to glue up ASAP**.
4. Jim Fox from EB Industries is coming to visit next week (Friday most likely). He will pick up the dummy weld fittings and short swage tubes (20 of them) when he comes by. Please show him all the neat stuff we're making!!
5. Tom W. is looking into what available adaptors come from swage lock in order to attach our 1/16" capillaries to the setup in Marseille. Eric Vigeolas will let us know what metric size we have to adapt to, but it may be as large as 6 mm.
6. We have decided to make some new fittings in 6063 for the luer sector side, in order to try to make some workable sector welded tubes. However, we will wait for Jim Fox to try a few of the 6063 dummy fittings before we go spending the money. **We should get a quote for 24 sector side luer fittings, however, from the same vendor Fred used before, so that we can issue the order as soon as possible after we try welding.**

Any other questions or comments, please email me. My voicemail will not accept messages while I am gone. See you around April 30th!

Neal